SAMSUNG

S1 Mini	S2 Portable		S2 Portable 3.0
HXSU012BA	HXMU016DA	HX-MU016DA	HX-MTA25DA
HX-SU012BA	HXMU025DA	HX-MU025DA	HX-MTA32DA
HXSU016BA	HXMU032DA	HX-MU032DA	HX-MTA50DA
HX-SU016BA	HXMU050DA	HX-MU050DA	HX-MTA64DA
HX-SU020BA	HX-MU064DA	HX-MU075DA	
HX-SU025BA		HX-MUT75DA	
		HX-MU010EA	

S-Series External Hard Drive

User's manual

Read Me First

About this Manual

Your product comes with a quick start guide and a user's manual.
Following the instructions and precautions of this manual will ensure easier and more enjoyable use of your S-Series External Hard Drive.

Quick Start Guide

A start guide is provided with the purchase of S-Series External Hard Drive.
The quick start guide explains product components and provides simple instructions on how to install the product.

User's Manual

The User's Manual contains detailed information about features and instructions on using your S-Series External Hard Drive.

Using this Manual

Carefully read and understand the "Handling Precautions" section before using the product.
Failure to follow all the instructions as outlined in the Handling Precautions section could result in damage to you or to your S-Series External Hard Drive.

- Refer to the Troubleshooting section first if you experience a problem with the product.

Ref.

Software and user's manuals are available for download at the Samsung Hard Drive website (www.samsunghdd.com).
The content of this User's Manual may change without prior notice for product improvement purposes.

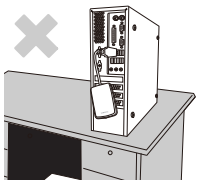
Handling Precautions

The following information serves to ensure user's safety and prevent damage to user's properties. Carefully read the information provided and use your product correctly.

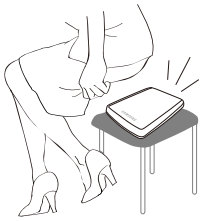
Supplied with the rated USB BUS Power

S-Series must use the USB Bus Power. Please connect to the USB Port supplied with the rated USB BUS Power.

Installation Related



Use the product on a flat surface.



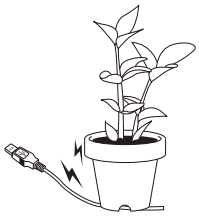
Do not sit on the product and do not place a heavy object over the product.

Product case or connector can be damaged and may cause a break down.

Data Cable Usage

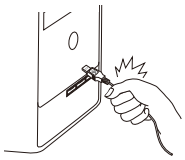
Standardized data cable.

This may increase the wrong operation and may cause a malfunction.



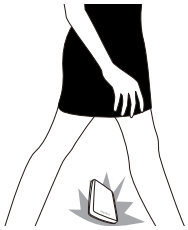
Do not severely bend the data cable and do not place a heavy object over the data cable.

If the data cable is damaged, it may cause a malfunction.



Do not unplug the data cable by severely pulling the cable.

This may damage connector on the product and may cause a problem with the product.

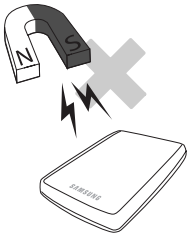


Shock

The external drive is very portable and you may easily drop it. Take care not to drop and tip the product while carrying the external drive. If you make an impact on the external drive, it may cause bad sectors on the disk. Bad sectors can cause various and potentially read/write errors.

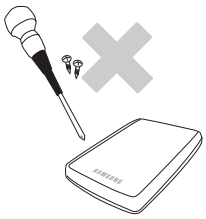
Humidity

If you use the product in places exposed to humidity, it may danger of electric shock. In addition, prolonged exposure to moisture can corrode various parts and components.



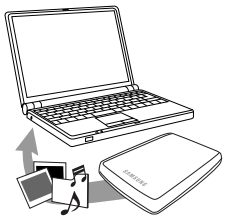
Magnets

Magnetic objects can cause various types of damage to the HDD, including data damage. Keep magnets and magnetic objects away from the external drive.



Disassembly and Label Removal

For repair, please visit the designated (samsung) customer service center.
Unauthorized disassembly, repair, or reform of the product and unauthorized removal of the labeling will void your warranty.



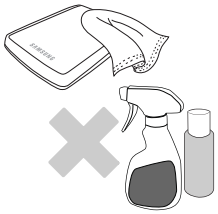
Always Backup your Important Data

The external drive manufacturer does not guarantee data stored in the external drive and will not assume responsibility for any mental or material damage incurred during data recovery.

● Backup : Storing the original and a copy on two or more separate and accessible storage media.

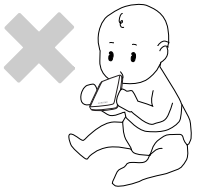
Regular Virus Scanning

Frequently scan the device for viruses and protect the external drive from virus infection.



Cleaning the product

Never use cleaning fluid or similar chemicals.
Do not spay cleaner directly on the product.
It may cause discoloration and deformation of the product.



Custody Related

Keep the product and accessories out of the reach of children. It may cause personal injuries and problem.

Safely Remove Hardware

Always use the Safely Remove Hardware feature before shutting down the HDD or disconnecting the USB cable and power cable.

1MB=1,000,000bytes / 1GB=1,000,000,000bytes

Actual accessible capacity may vary from advertised capacity due to formatting and partitioning of the hard drive, as well as due to your computer's operating system.

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Introduction

The S-Series External Hard Drive is a high-performance external hard drive that supports USB. Unlike conventional desktop disk drives, the S-Series External Hard Drive makes it possible for you to instantaneously add greater storage capacity to your system without having to take the computer apart.

This means that your S-Series External Hard Drive comes fully partitioned and formatted for your use and you can instantly access to the drive by simply plugging it into your computer through a USB port.

Rebooting and other cumbersome steps are not necessary. "SecretZone™" , which is part of the software bundle that comes with your S-Series External Hard Drive, allows you to protect and manage your private data.

Specifications (S1 Mini / S2 Portable)

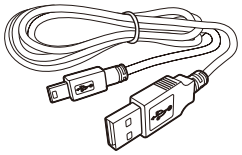
Category	S1 Mini	S2 Portable	
Interface	High Speed USB		
Transfer Rate	480 Mbps Max.		
Power	USB Host Power		
Operating System	Windows 2000 Pro / XP / Vista / 7		
	Mac OS X 10.4.8 or Later		
Hard Disk Capacity	120GB / 160GB / 200GB / 250GB	160GB / 250GB / 320GB / 500GB / 640GB	750GB, 1TB
Dimensions (W x H x L)	(62mm X 15mm X 87mm)	(82mm x 17mm x 111mm)	(82mm x 18mm x 111mm)
Color	Black / White / Red / Brown	Black / White / Red / Brown / Blue / Pink	
Format System	FAT32		

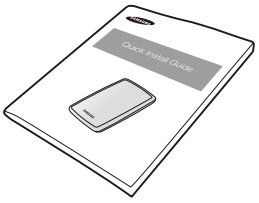
System Requirements

- PC : Windows® 2000 Pro / XP / Vista / 7
- Macintosh : Mac OS X 10.4.8 or Later
- Upgrade your operating system to the latest version to enjoy better performance and reliability.

Components

S1 Mini / S2 Portable


USB 2.0-Cable

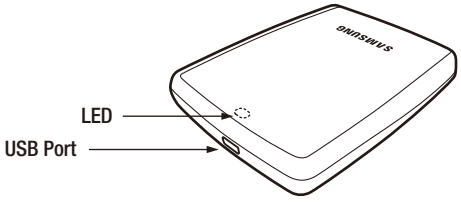


Quick Start Guide

Pouch

※ When you purchase a S1 Mini / S2 Portable External Hard Drive, make sure that all components have been included in your product package.

Overview



Ref.

■ LED Description

1) Standby Status : Steadily lit LED

2) Read/Write in Progress : Blinking LED

> Some computers supply limited USB bus power. If your drive doesn't power on after connecting the USB cable, you may need to purchase a USB Y-cable from retailers or online shops.

Specifications (S2 Portable 3.0)

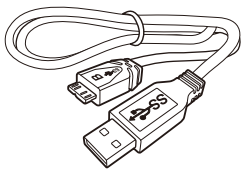
Category	S2 Portable 3.0
Interface	Super Speed USB
Transfer Rate	5 Gbps Max.
Power	USB Host Power
Operating System	Windows 2000 Pro / XP / Vista / 7
Hard Disk Capacity	250GB / 320GB / 500GB / 640GB
Dimensions (W x H x L)	(82mm x 17mm x 111mm)
Color	Black
Format System	FAT32

System Requirements

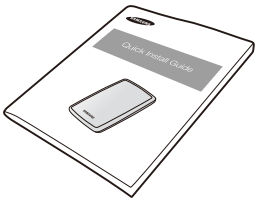
- PC : Windows® 2000 Pro / XP / Vista / 7
- Upgrade your operating system to the latest version to enjoy better performance and reliability.

Components

S2 Portable 3.0



USB 3.0 Micro-B Cable

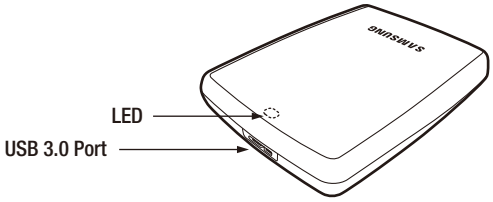


Quick Start Guide

Pouch

※ When you purchase a S2 Portable 3.0 External Hard Drive, make sure that all components have been included in your product package.

Overview



Ref.

■ LED Description

1) Standby Status : Steadily lit LED

2) Read/Write in Progress : Blinking LED

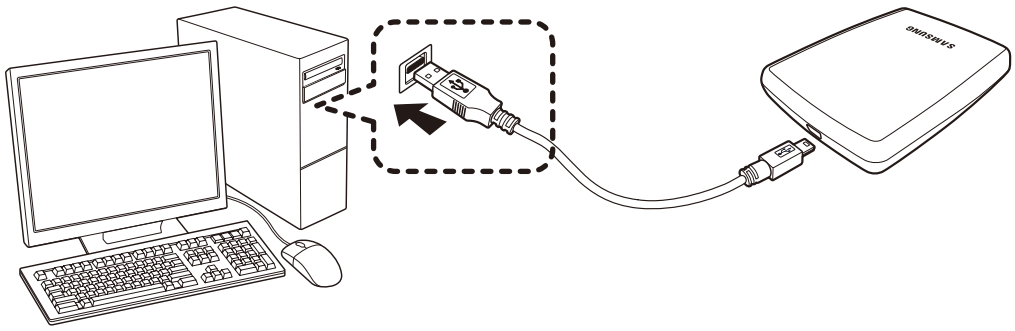
> Some computers supply limited USB bus power. If your drive doesn't power on after connecting the USB cable, you may need to purchase a USB Y-cable from retailers or online shops.

Connecting your S1 Mini / S2 Portable

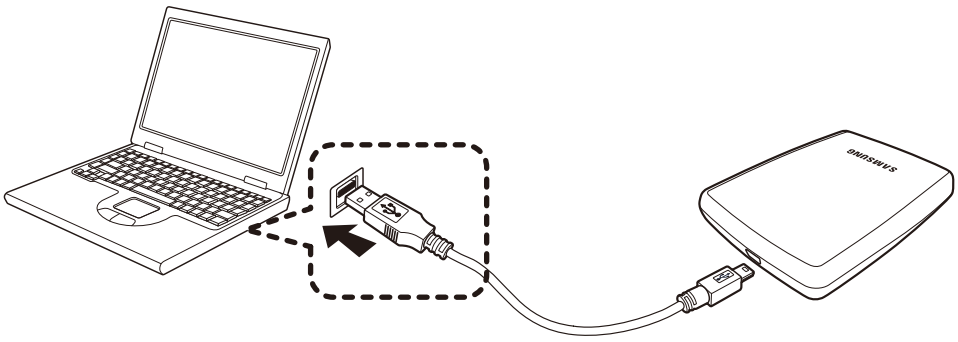
Installation

Verify that the computer meets the minimum system requirements as outlined in #System Requirements.
Insert the USB cable to the desktop/laptop computer as shown in Figures 1 and 2:

● Figure 1. **Connecting to a Desktop Computer**



● Figure 2. **Connecting to a Laptop Computer**



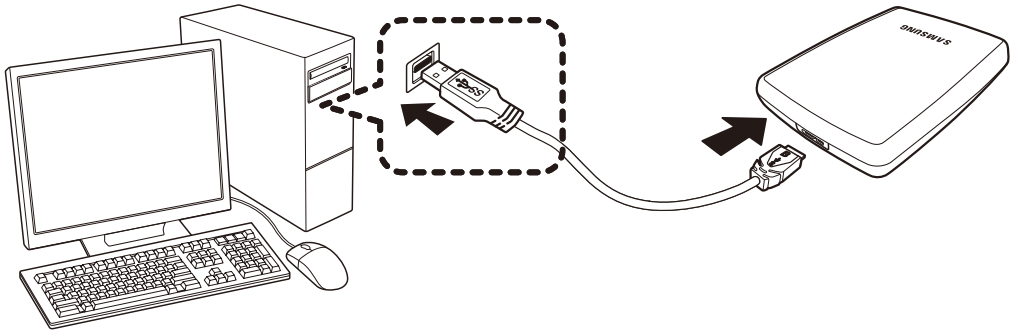
> Your S-Series External Hard Drive will automatically activate once connected to the computer.

Connecting your S2 Portable 3.0

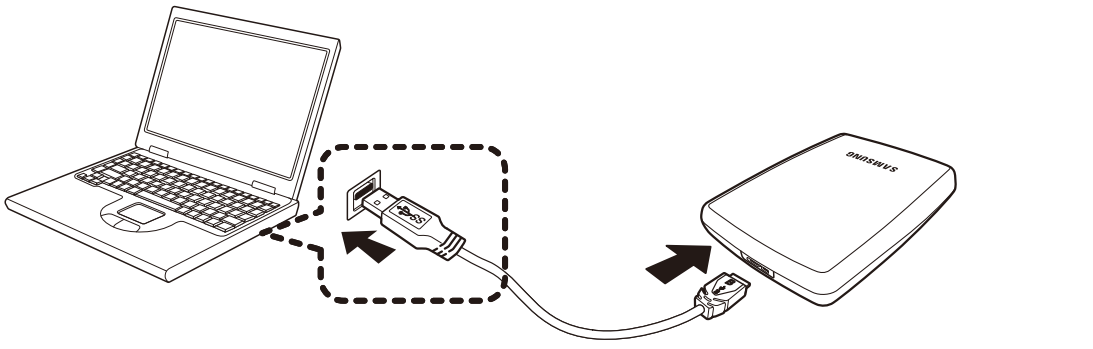
Installation

Verify that the computer meets the minimum system requirements as outlined in #System Requirements.
Insert the USB cable to the desktop/laptop computer as shown in Figures 3 and 4:

● Figure 3. **Connecting to a Desktop Computer**



● Figure 4. **Connecting to a Laptop Computer**



● LED Color
- USB 2.0 : Green
- USB 3.0 : Blue

> To use the S2 Portable 3.0 model at its maximum speed, you need a PC or a Host Card that supports USB 3.0 interface.

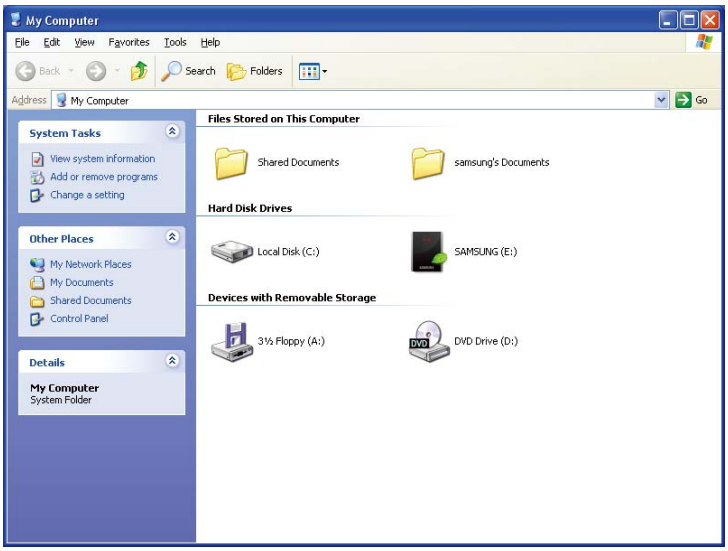
Windows

When you connect the S-Series External Hard Drive to the computer a small icon will appear in the system tray at the lower right corner of the screen.

● Figure 5. **System Tray indicating an external device**

The operating system will recognize and display "Samsung" drive under "My Computer."

● Figure 6. **In the Windows Explorer, you will see a new Samsung drive**

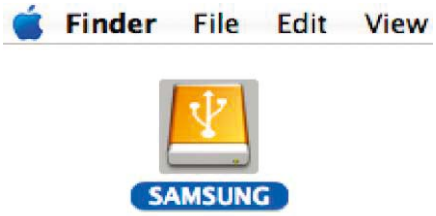


You are now ready to use the Samsung S-Series External Hard Drive.

Macintosh

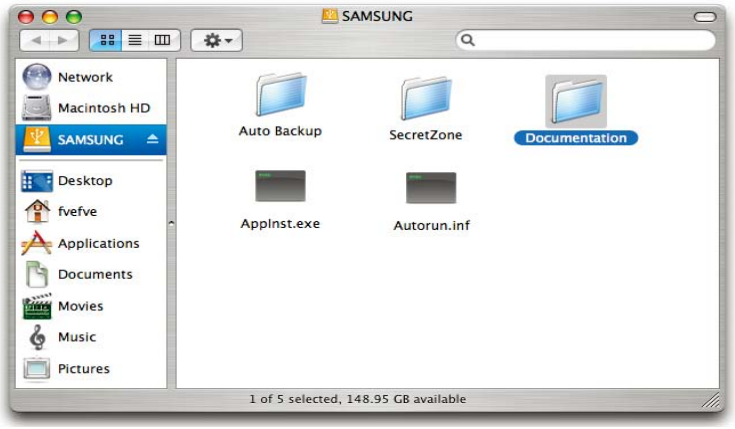
Connect your S-Series External Hard Drive to the computer. Your Macintosh operating system will then generate a SAMSUNG.

● Figure 7. **Macintosh External HDD connection icon**



After clicking the SAMSUNG icon, the following folder will appear.

● Figure 8. **Macintosh Folders**



Stop & Read

You are now ready to use the Samsung S-Series External Hard Drive.
(Software included with your S-Series External Hard Drive does not support the Mac operating environment.)

Using your S-Series

Copying / Moving Files

Now that you h ave successfully installed your new S-Series External Hard Drive, you copy or move files or whole folders from your new S-Series to your computer and vice-versa.

Stop & Read

It is important to understand the difference between Copy and Move.
Copy : is to make a duplicate folder or file and store it so that you have two copies.
Move : is to take a folder or file from one location and put it into another.

WHEN YOU MOVE A FOLDER OR FILE, YOU NO LONGER HAVE A BACKUP COPY.

Copy and paste files from the computer to the S-Series External Hard Drive (Removable Disk Method).

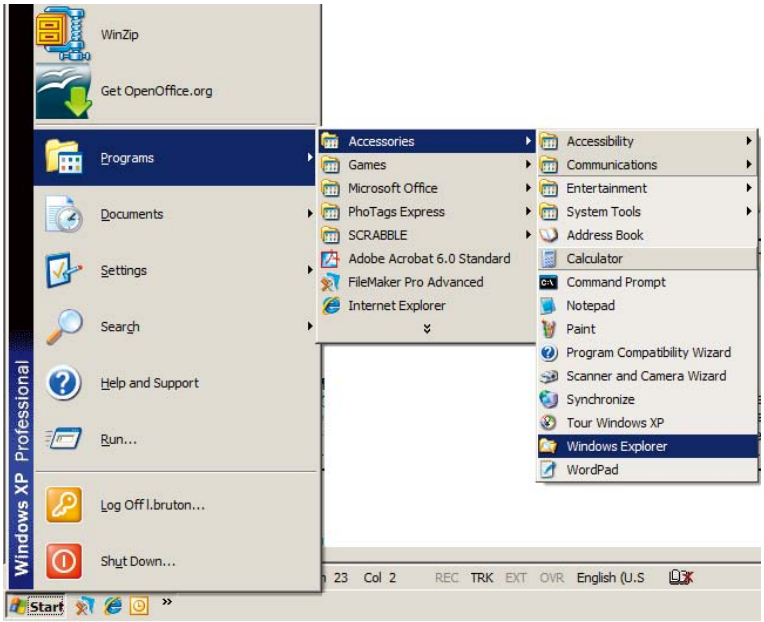
Removable Disk Method

For the purposes of this manual, we will make a copy of the Temp folder on the C drive of your computer and copy it to the S-Series External Hard Drive.

From the Windows Desktop click:

Start → Programs → Accessories → Windows Explorer

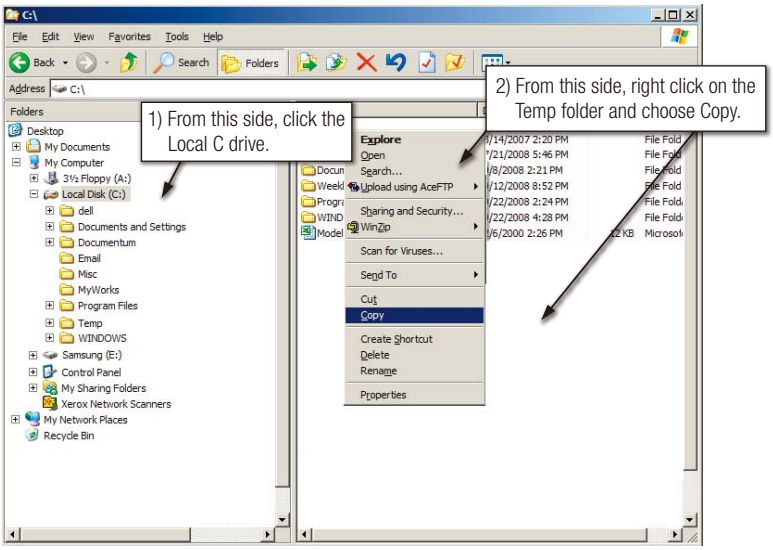
● Figure 9. **Getting to the Windows Explorer**



From the Windows Explorer, you will see various drive letters; A, C, your C drive is your local Hard Drive. The S-Series will most likely be the E drive however, it could be any drive letter.
For the purposes of this manual, we will assume that the S-Series is the E drive. As well, for practice copying folders and files, we will copy the Temp folder onto the S-Series.

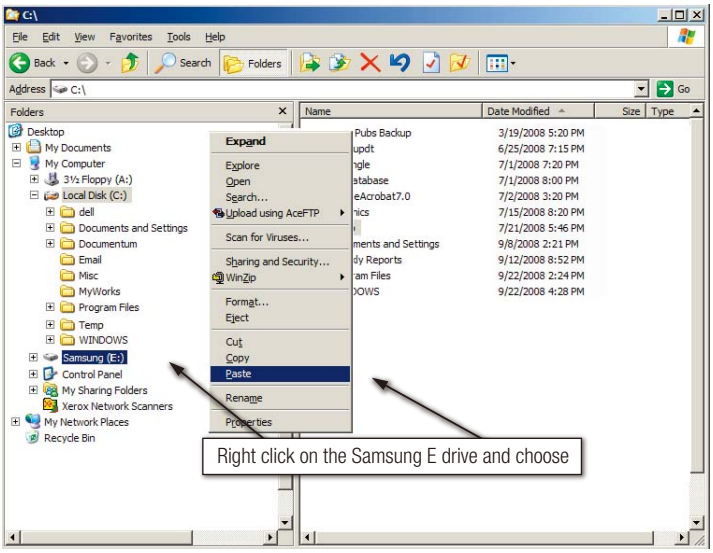
From the Windows Explorer screen:
Click Local Disk C
From the right-hand pane:
Right-click the Temp folder → Click Copy

● Figure 10. **When you Right-Click on a file or folder, you get another menu.**



Now, we will copy the Temp folder from the Local C drive, to the Samsung E drive. From the left pane in the Windows Explorer : Right Click Samsung E → Click Paste

● Figure 11. **Using a Right-Click again, we can paste the Temp file onto the S-Series drive.**



Stop & Read

NOTE : Detaching the USB cable while file transfer is in progress can damage your computer and/or S-Series External Hard Drive. If you need to disconnect the USB cable, wait for the transfer process to complete first and then disconnect using the "Safely Remove Hardware" option.

Safely Removing your S-Series

For Windows

Right-click the arrow icon from the system tray at the lower right corner of your screen.

● Figure 12. **The taskbar is located at the bottom-right of the screen.**

Click "Safely Remove Hardware."

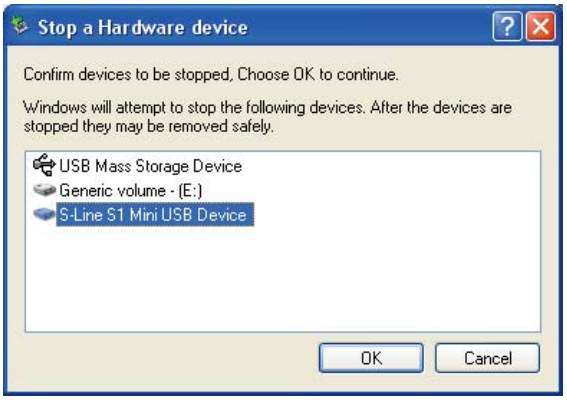
● Figure 13. **The 'Safely Remove Hardware' prompt will list every device that is attached to your system.**

Safely Remove Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
USB Mass Storage Device at Location 0
Properties
Stop
Display device components
Close

Click "Samsung S-Series USB device".

● Figure 14. **This prompt will list all of the Mass Storage Devices like your Local Hard drive and your S-Series Hard drive.**

[S1 Mini]


Stop a Hardware device
Confirm devices to be stopped, Choose OK to continue.
Windows will attempt to stop the following devices. After the devices are stopped they may be removed safely.
USB Mass Storage Device
Generic volume - (E:)
S-Line S1 Mini USB Device
OK
Cancel

[S2 Portable]

[S2 Portable 3.0]

When you see the "Safely Remove Hardware" message, you may safely remove the device from the system.

For Macintosh

Click the external hard drive icon and select "Eject "SAMSUNG.""

● Figure 15. **For the Macintosh click the USB icon and choose Eject "SAMSUNG"**

This safely disconnects the drive. It is now safe to detach the drive from the computer.

Stop & Read

Do not disconnect S-Series External Hard Drive's USB cable from the computer while file transfer is in progress. Interrupting the file transfer could lead to data corruption and/or damage to your S-Series External Hard Drive.

S-Series Software

S-Series External Hard Drive Software

Samsung S-Series External Hard Drive comes with Samsung Auto Backup and Samsung SecretZone™.
These applications support the Windows only.

Connecting your S-Series External Hard Drive to the computer will automatically activate the installation wizard. Select "Install Samsung Tools" to install the applications.

Samsung Auto Backup and Samsung SecretZone™ will only be available when S-Series External Hard Drive is connected to your computer.

For further information, please refer to the Auto Backup and SecretZone™ user's manuals that accompanied your S-Series External Hard Drive.

Samsung Auto Backup

Samsung Auto Backup is a personal backup solution that enables you to backup individual files.
The application provides both manual and automatic (scheduled) backup features and includes various backup options such as backup in compressed file format and use of filters for backup files.

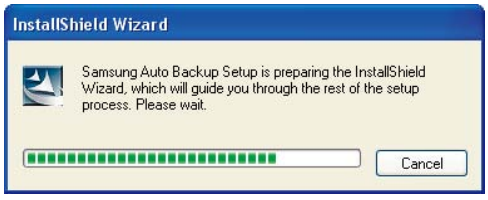
Samsung Auto Backup Installation

SAMSUNG (E:)
This disk or device contains more than one type of content.
What do you want Windows to do?
Install Samsung Tools
using the program provided on the device
Copy pictures to a folder on my computer
using Microsoft Scanner and Camera Wizard
View a slideshow of the images
using Windows Picture and Fax Viewer
Print the pictures
using Photo Printing Wizard
Open folder to view files
using Windows Explorer
Take no action
OK
Cancel

1.You will see this dialog the first time you connect your S-Series External Hard Drive to the computer.

2. Select "Install Samsung Tools" and the click "OK."

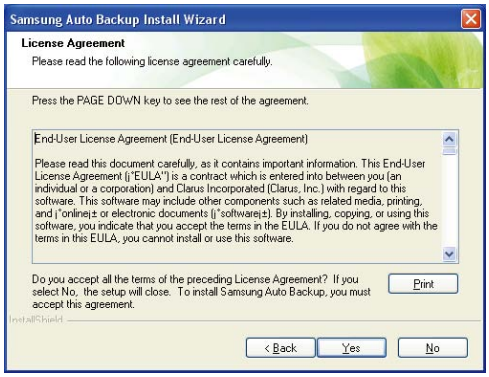
3. Select "Install Samsung Auto Backup to start the installation process".


InstallShield Wizard
Samsung Auto Backup Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
Cancel

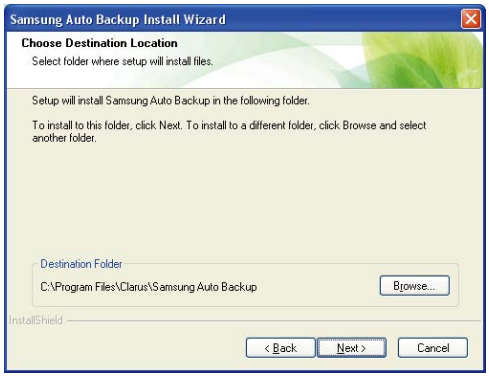
4. Once the preparation process is complete, InstallShield Wizards' greeting dialog will display.

Samsung Auto Backup Install Wizard
Welcome to the Install Wizard for Samsung Auto Backup
The Install Wizard will install Samsung Auto Backup on your computer. To continue, click Next.
< Back
Next >
Cancel

5. Click "Next."

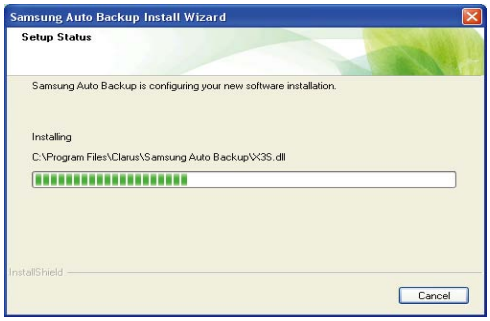

Samsung Auto Backup Install Wizard
License Agreement
Please read the following license agreement carefully.
Press the PAGE DOWN key to see the rest of the agreement.
End-User License Agreement (End-User License Agreement)
Please read this document carefully, as it contains important information. This End-User License Agreement (j"EULA") is a contract which is entered into between you (an individual or a corporation) and Clarus Incorporated (Clarus, Inc.) with regard to this software. This software may include other components such as related media, printing, and j"online¡± or electronic documents (j"softwarej±). By installing, copying, or using this software, you indicate that you accept the terms in the EULA. If you do not agree with the terms in this EULA, you cannot install or use this software.
Do you accept all the terms of the preceding License Agreement? If you select No, the setup will close. To install Samsung Auto Backup, you must accept this agreement.
Print
< Back
Yes
No

6. The dialog will display the end user license agreement. Carefully read the agreement. Select "yes".

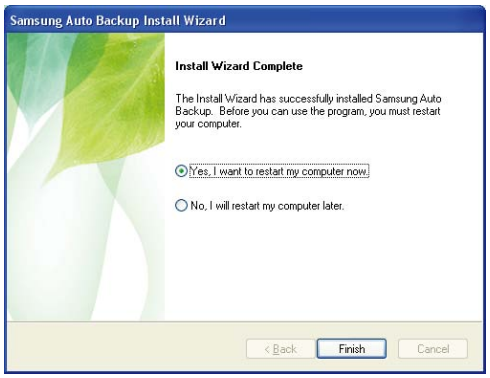

Samsung Auto Backup Install Wizard
Choose Destination Location
Select folder where setup will install files.
Setup will install Samsung Auto Backup in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\Clarus\Samsung Auto Backup
Browse...
InstallShield
< Back
Next >
Cancel

7. Select the destination for Samsung Auto Backup installation and then click "Next."

8. Select the folder under which you wish the Samsung Auto Backup icon to be registered. Then, click "Next."



9. The dialog will then display the installation progress.


Samsung Auto Backup Install Wizard
Install Wizard Complete
The Install Wizard has successfully installed Samsung Auto Backup. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
< Back
Finish
Cancel

10. Once the installation process is complete, a dialog requesting your decision on whether to reboot now or later will prompt. Click "Finish" to exit the installation wizard.

    Select "Yes, I want to restart my computer now" and then exit the installation wizard in order to finalize Samsung Auto Backup installation.

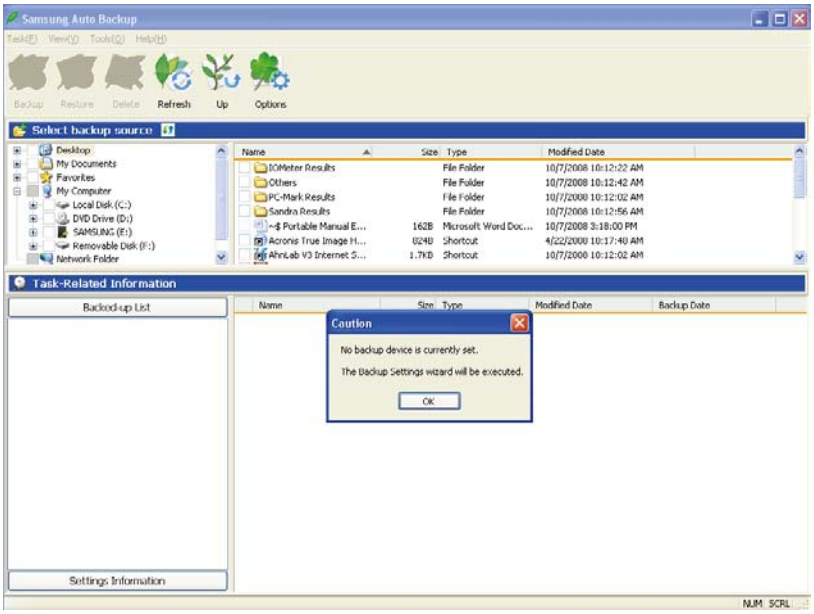
Data Backup using Samsung Auto Backup

There are two ways to backup data:

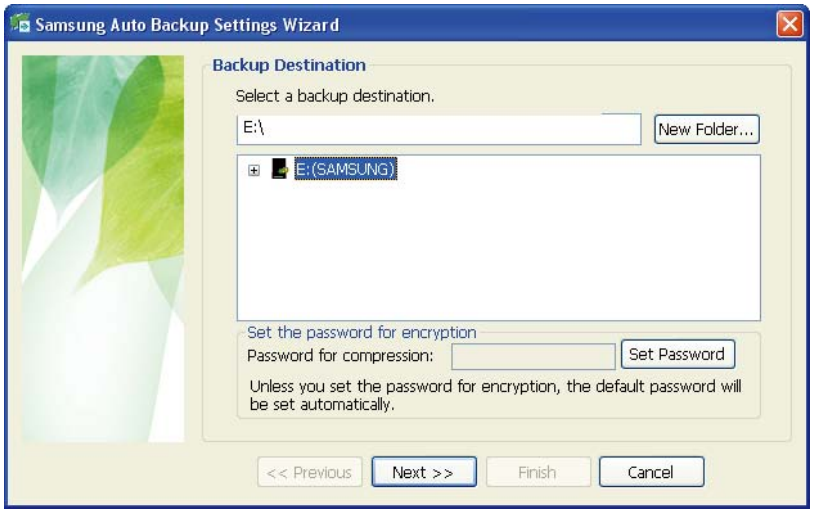
Data Backup Options
Manual Backup
Quick Backup

You will need to first configure backup options before using Samsung Auto Backup.
Launch Samsung Auto Backup by clicking Start → Programs → SEC → Samsung Auto Backup.

● Figure 16. **Samsung Auto Back Screen**

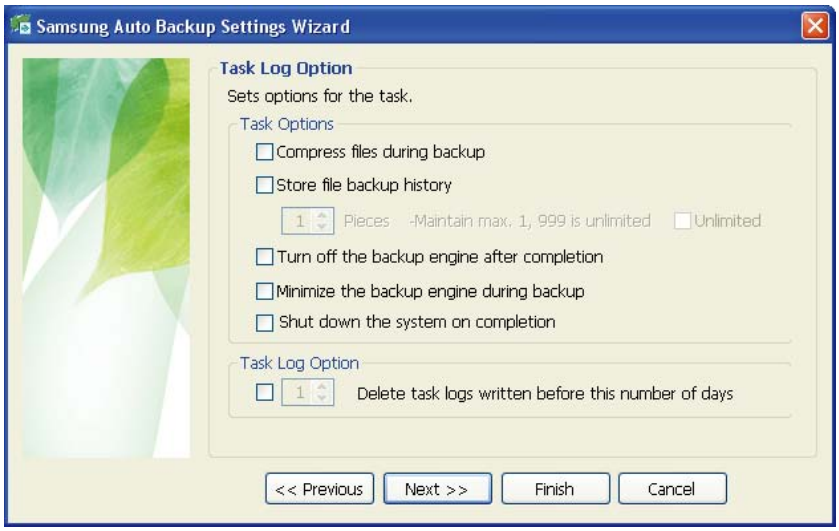


● Figure 17. **Backup Destination Selection Dialog**



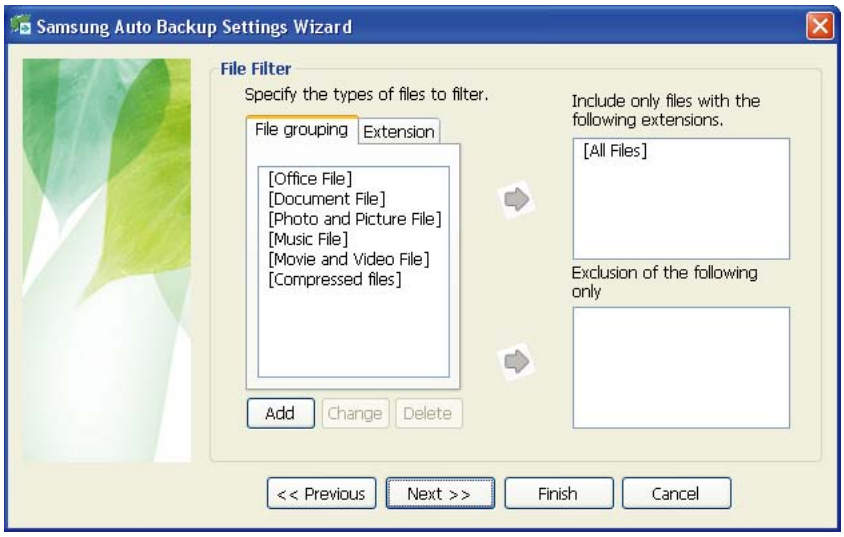
Designate the path to the backup device and then click "Next."

Figure 18. Optional Settings Dialog


Samsung Auto Backup Settings Wizard
Task Log Option
Sets options for the task.
Task Options
Compress files during backup
Store file backup history
1 Pieces -Maintain max. 1, 999 is unlimited Unlimited
Turn off the backup engine after completion
Minimize the backup engine during backup
Shut down the system on completion
Task Log Option
1 Delete task logs written before this number of days
<< Previous
Next >>
Finish
Cancel

Configure the various backup options.

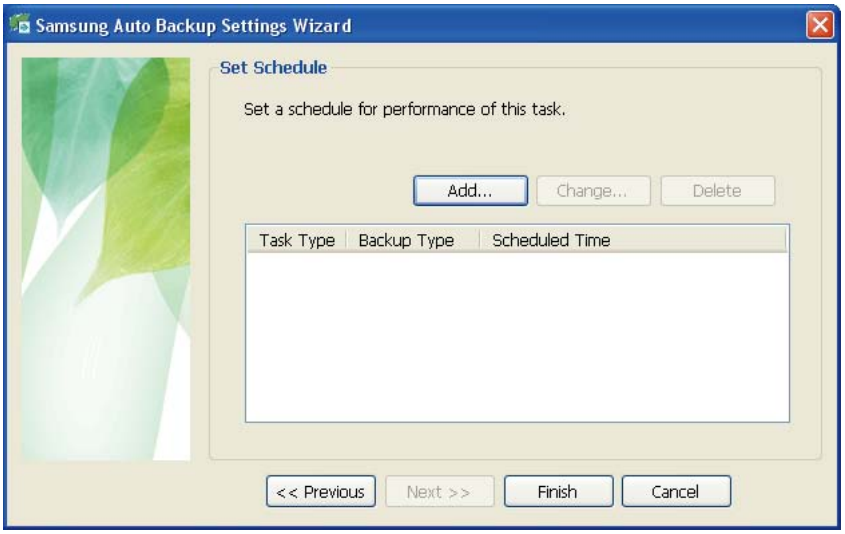
Figure 19. File Filter Configuration Dialog



From the File Filter Configuration dialog, you will be able to select types of files you wish to backup and you wish to be excluded from the backup process.You can define these files by grouping or by specific file extensions. For file groups, the application provides preconfigured groups and the ability to add user-defined groups.

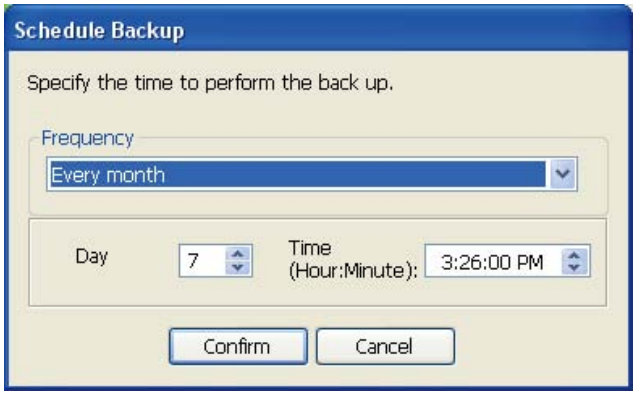
Clicking "Next" without making any change in this dialog sets the application to backup all types of files from the source.

Figure 20. Backup Scheduling Dialog



It's even possible for the user to schedule automatic backups.
Click "Add" to configure and add a new Auto Backup schedule.
Clicking the "Add" button will prompt the New Schedule dialog.

Figure 21. New Schedule Dialog

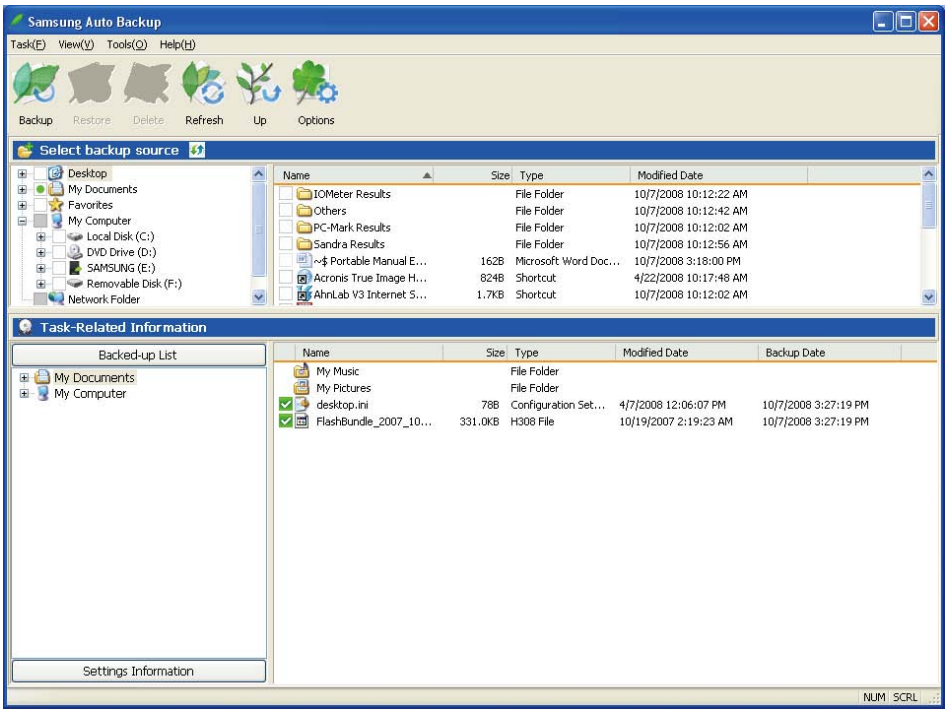


Select how often and when you wish Auto Backup to be performed and then click "OK."

From the Backup Scheduling dialog, click "Finish" to exit the backup configuration wizard.
You are now ready to backup your data.

Samsung Auto Backup is configured to perform real time backup by default. Therefore, the application will automatically back up the content of "My Documents" after you exit the backup configuration wizard.

Figure 22. Initial Application Screen



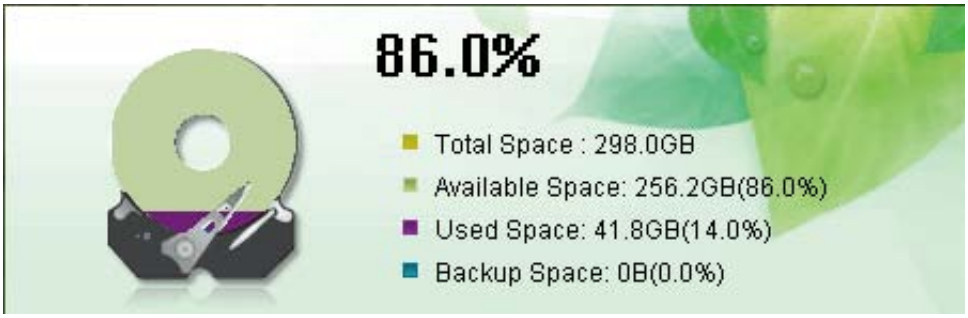
Once you have successfully configured Auto Backup, a new icon will appear on your system tray.

In this icon, the red section of the bar indicates the amount of storage device space used and the green section indicates the amount of space available.

Figure 23. System Tray

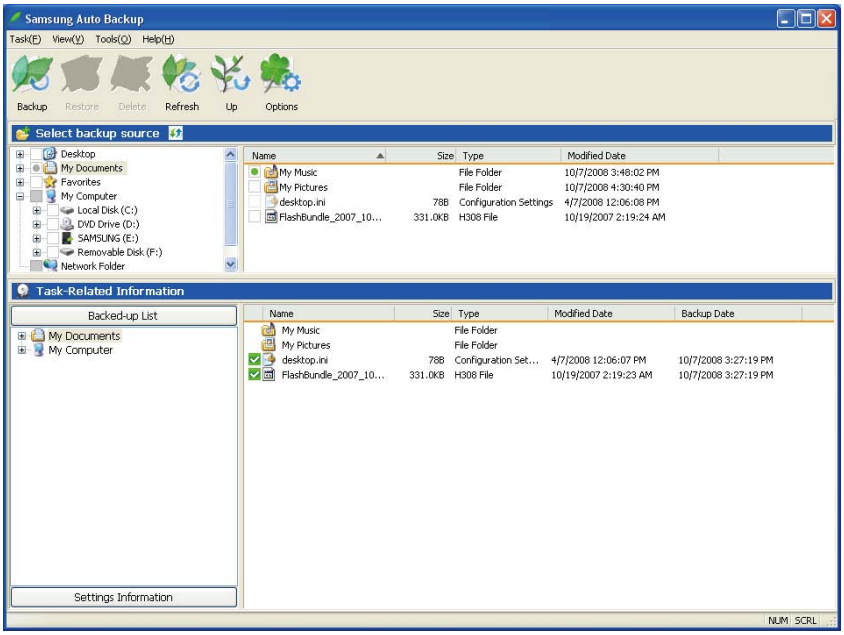
Double-click the icon to view detailed information about the device's space use.

Figure 24. System Tray



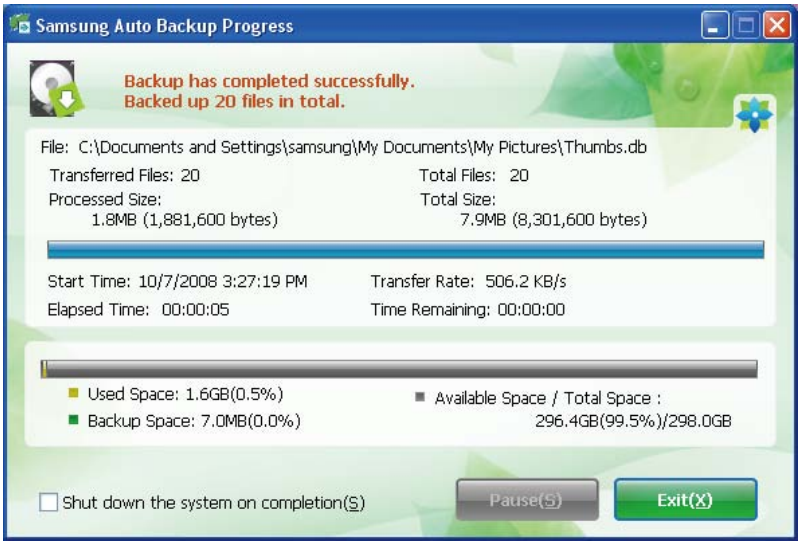
Select original file(s) you wish to back up by checking the file(s) and/or folder(s) from the Original File Selection window.

Figure 25. Original File Selection Screen – Manual Backup



Select "Backup" from the "Task" menu or click "Backup" from the toolbar.

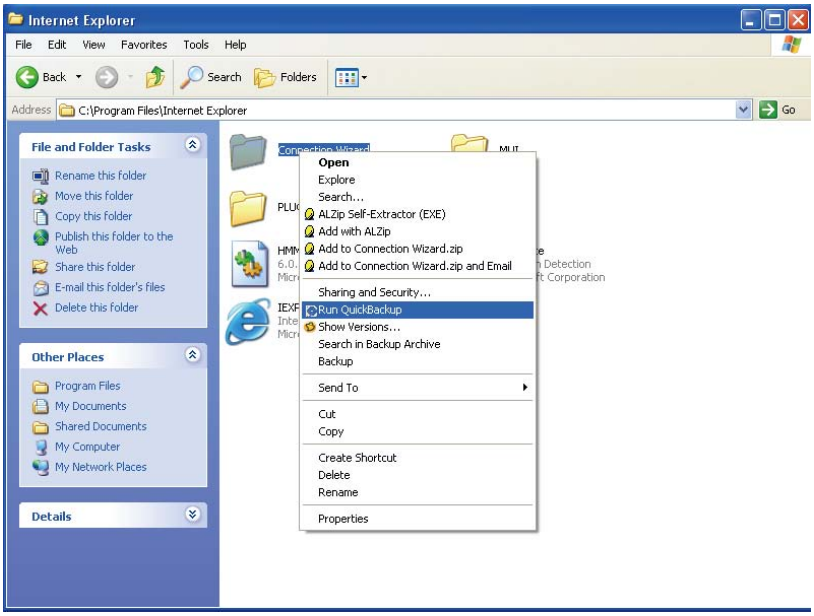
Figure 26. Backup Completion Dialog



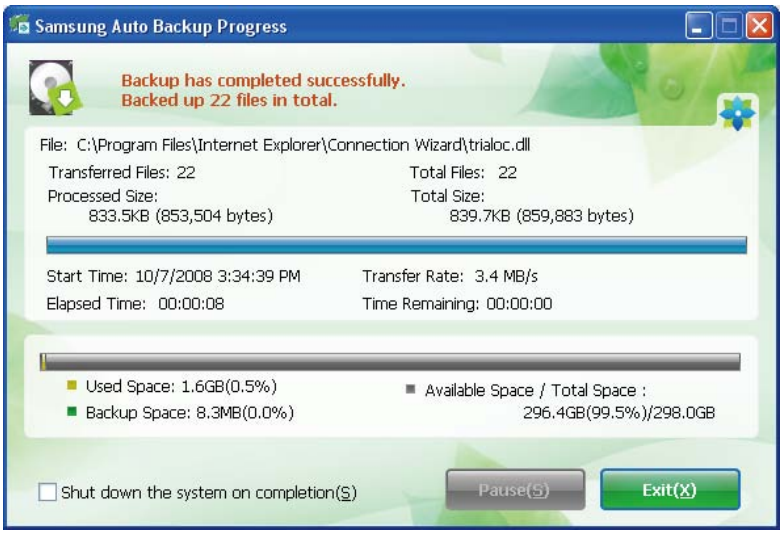
Quick Backup

Select file(s) and/or folder(s) you wish to back up. Right-click on your selection and then select "Quick Backup" from the context menu.

● Figure 27. **Original File Selection Screen – Quick Backup**



● Figure 28. **Backup Completion Dialog**



Stop & Read

Quick Backup will only function with the backup device properly configured.
Files and folder that have been backed up with Quick Backup are automatically stored as backups of originals.

Restoring Backup Data

You can restore your backup data using Samsung Auto Backup.

To restore your backup data using Samsung Auto Backup, you will need to launch the restore wizard. There are three ways of doing this. First, select the file(s) and/or folder(s) you with to restore and:

Right-click on selected files and select "Restore."
Select "Restore" from the "Task" menu.
Click on "Restore" from the toolbar.

● Figure 29. **Restore Selection Screen**

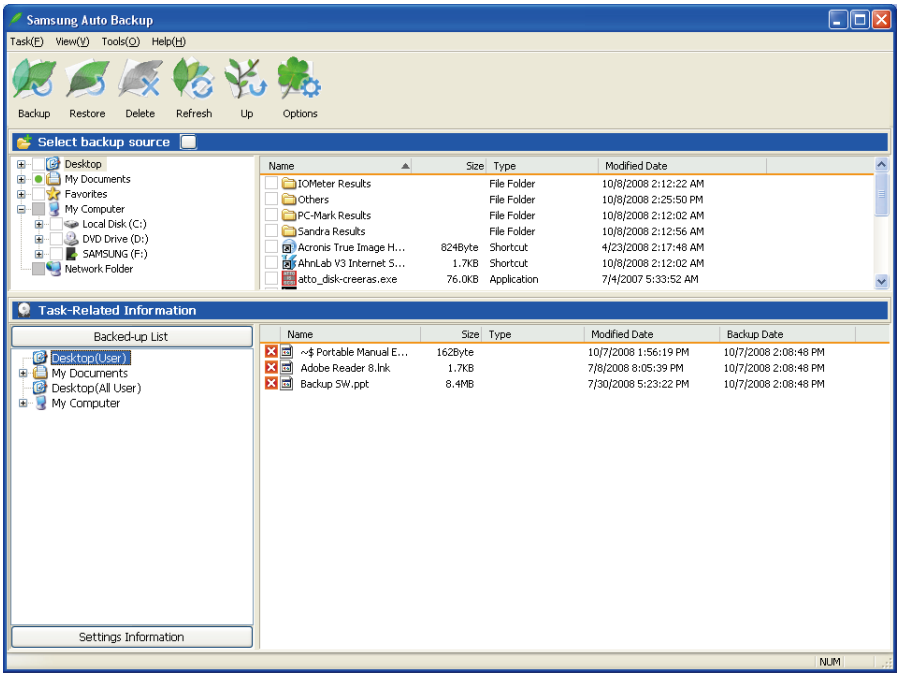
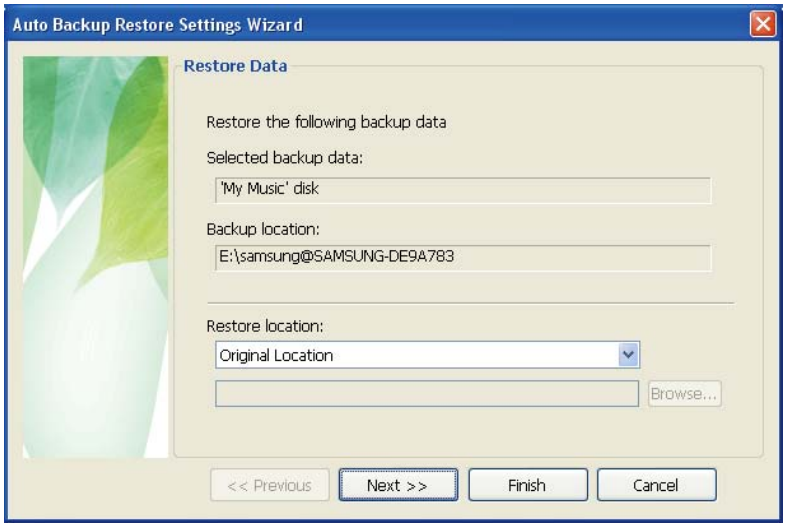


Figure 30. Restore Selection Screen



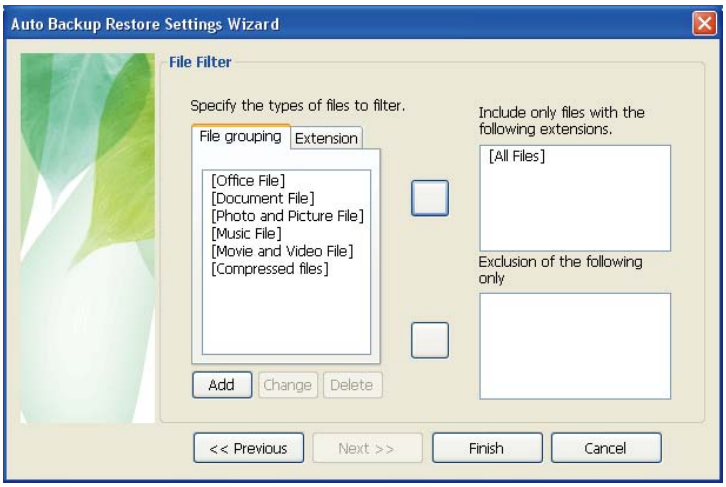
Restore wizard's first screen will prompt you to select the restore backup file destination.
There are two options available to you, which are:
Restore backup files to their original folder or
Designate a new destination folder to restore backup files to.

Figure 31. Restore Options Screen

Auto Backup Restore Settings Wizard
Set Restore Options
Set restore time
Restore files from a specific time point.
From the most recent backup
From the backup closest to the following time point
Tuesday , October 0
3:38:47 PM
Restore duplicate files
Restore only files that are different from source files.
Restore all files.
Ask before overwriting the data
<< Previous
Next >>
Finish
Cancel

Restore wizard will then present restore time and duplicate file restoring options.
You will be able to choose to restore backup files from the most recent backup or from the closest backup to a specified date and time.
As for duplicate backup files, you have the option to restore backup files that are different from their originals only or to restore all the files.

Figure 32. File Filter Screen

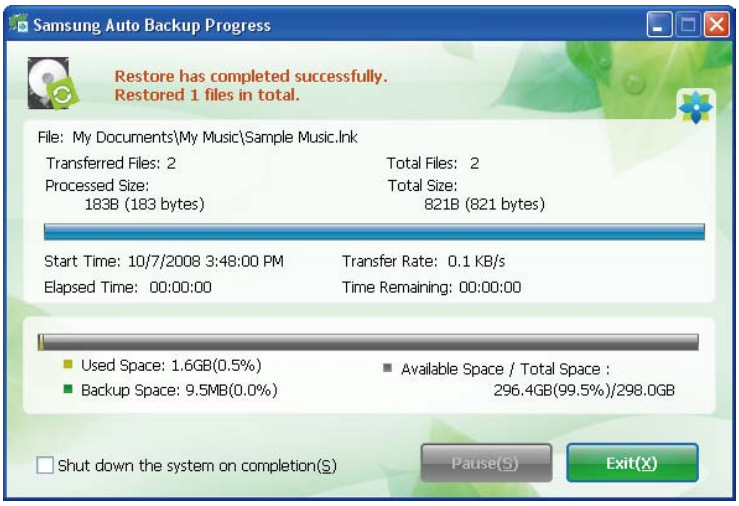


Restore file filter wizard lets you designate the types of files you wish to restore.
Designate the types of file extensions and/or file groups you wish to restore or exclude from restoring and then click "Finish." Clicking "Finish" without making any change in this dialog sets the application to restore all file types.

After configuring the options, click "Finish" to start restoring backup files.
Samsung Auto Backup Engine window will prompt and display the restore progress.
This engine ignores duplicate files and restores only those files with different data or creation date, resulting in much faster processing times.

Once the process is complete, the following screen will display:

Figure 33. Restore Completion Screen



Samsung SecretZone™

Samsung SecretZone™ is an information privacy software application operating in the Windows environment. Samsung SecretZone™ enables you to save and protect important and private data from others with ease.

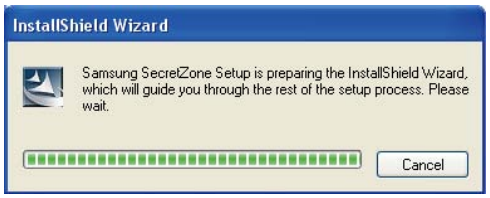
Samsung SecretZone™ Installation

SAMSUNG (E:)
This disk or device contains more than one type of content.
What do you want Windows to do?
Install Samsung Tools
using the program provided on the device
Copy pictures to a folder on my computer
using Microsoft Scanner and Camera Wizard
View a slideshow of the images
using Windows Picture and Fax Viewer
Print the pictures
using Photo Printing Wizard
Open folder to view files
using Windows Explorer
Take no action
OK
Cancel

1.You will see the following dialog the first time you connect your S-Series External Hard Drive to the computer.

2. Select "Install Samsung tools" and then click "OK."

3.Select "Install Samsung SecretZone™ ".


InstallShield Wizard
Samsung SecretZone Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
Cancel

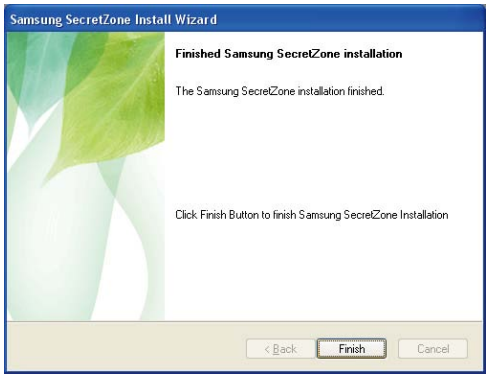
4. Once the preparation process is complete, InstallShield Wizard's greeting dialog will display.

Samsung SecretZone Install Wizard
Welcome to the Install Wizard for Samsung SecretZone
The Install Wizard will install Samsung SecretZone on your computer. To continue, click Next.
< Back
Next >
Cancel

5. Click "Next."

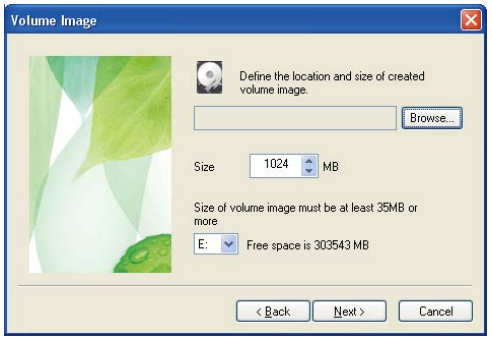
Samsung SecretZone Install Wizard
Create the account for the administrator
This is the account setting for the administrator to use Samsung SecretZone. Please set the account for the administrator.
Administrator ID:
admin
Password:
Confirm:
InstallShield
< Back
Next >
Cancel

6. You will then be asked to enter an administrator password. Enter the password and then click "Next" to continue.

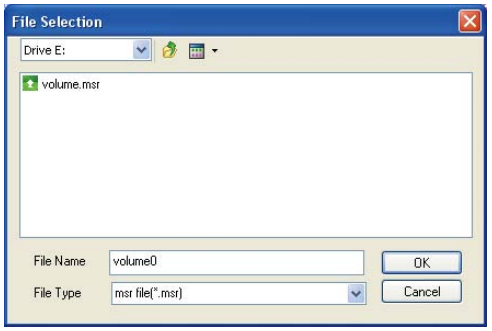


7. Click "Finish" to complete the installation process.

Virtual Drive with Samsung SecretZone™



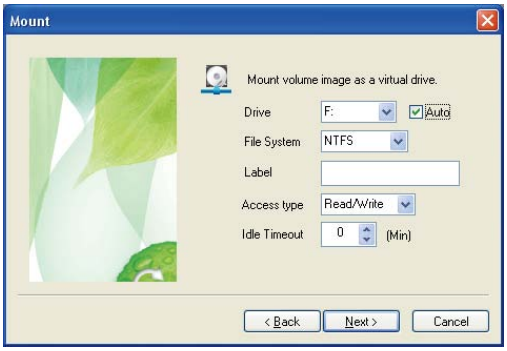
1. Click "Browse" and designate the file you wish to create.



2. Designate the name and size of the volume image you wish to create.

Stop & Read

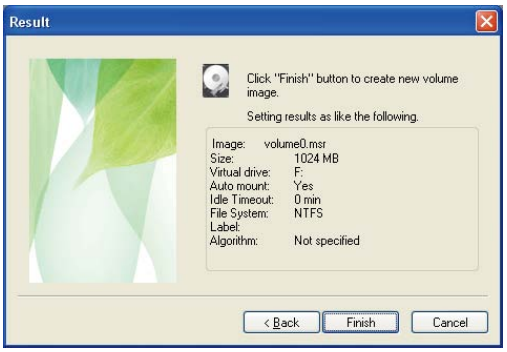
Samsung SecretZone™ is a security software and will not allow you access to protected data without a proper ID and password. Be careful not to lose your ID and password.



3. Designate the drive to connect with, the file system, label, accessibility, and idle session limit.

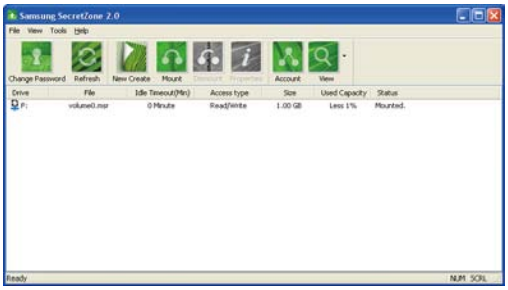
Create the account for the volume image
Set password to volume image and decryption of this password
Password
Confirm
You should enter password. Also password has at least 5 and the most 15 characters.
Algorithm
Not specified
< Back
Next >
Cancel

4. Designate the volume's password and algorithm.



5. Verify your virtual image settings.

6. If the settings are correct, click "Finish" to generate the volume image.



You've now created a virtual drive.

Troubleshooting

- Check the USB cable connection.
- Check the LED light on the HDD.
- Check the power supply to S-Series External Hard Drive.
  - Ticking noise is an indication of insufficient power.
- If the drive is not being recognized, try plugging it into a different USB port.

FAQ

Q1. File transfer takes too long.

A1. You will experience slow file transfer speeds if your computer does not support USB 2.0 or if you do not connect S-Series External Hard Drive to a USB 2.0 port. Try connecting S-Series External Hard Drive to a different port or, if your computer does not support USB 2.0, purchase a separate USB 2.0 port.

A1. To use the S2 Portable 3.0 model at its Maximum speed, you need a PC or a Host Card that supports USB 3.0 interface and USB 3.0 Cable.

Q2. The actual storage capacity of S-Series External Hard Drive is different than the capacity shown on the packaging.

A2. Type of file system used for the drive, partitioning arrangement, type of operating system, and various other factors can affect the actual storage capacity displayed by your computer. (1MB=1,000,000bytes and 1GB=1,000,000,000bytes.)

Q3. I connected my S-Series External Hard Drive, and the computer seems to recognize it, but the drive won't show up under Windows Explorer.

A3. S-Series External Hard Drive is by default formatted to FAT32 and will work normally when you connect it to your computer. However, if the partition has been erased or the file system has been changed to a one that's not recognized by Windows, the drive will not appear under Windows Explorer. Try formatting the drive to FAT32 or NTFS.
(Caution : Formatting will erase all data stored in the drive.)

Q4. I am using Windows XP and cannot format the drive to FAT32.

A4. Windows operating systems that followed Windows NT have limited FAT32 formatting to 32GB.
Therefore, if you wish to format your S-Series External Hard Drive to FAT32, you will need to download a format utility from our website.
(Caution : Formatting will erase all data stored in the drive. We recommend that you back up your data before proceeding.)

Q5. My computer will not boot up properly.

A5. If you boot up your system with S-Series External Hard Drive connected to the computer, it's possible that your system's BIOS is attempting to boot from the external HDD.
Change the BIOS booting sequence or disconnect the external HDD from the system and then try booting again.

Q6. I formatted my S-Series External Hard Drive and lost all the bundle software.

A6. Bundle applications that came with your S-Series External Hard Drive are available for download at Samsung Electronics' customer support website.

Q7. I am using a Mac, and I can't copy files.

A7. This could be a file system compatibility issue. By default, S-Series External Hard Drive is formatted to FAT32 for cross platform compatibility. If the drive has been formatted to NTFS, data stored in the drive can only be read by Mac systems.

Appendix

Stop & Read

WARNING – PARTITIONING AND FORMATTING YOUR DRIVE WILL PERMANENTLY ERASE ALL THE FILES ON THE DRIVE. DO NOT ATTEMPT TO DO THIS UNLESS ALL OF YOUR FILES HAVE BEEN BACKED UP AND CHECKED FOR RELIABILITY AND READABILITY.

Partitioning and Changing File System Type

It's possible to partition your S-Series External Hard Drive and change the file system type.

- Reformat to FAT32
- Reformat to NTFS
- Reformat in Macintosh

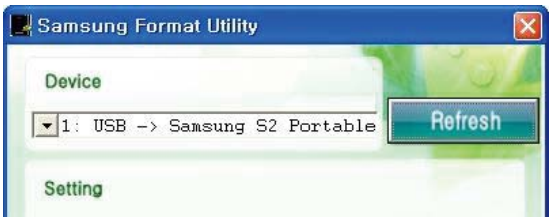
Reformat to FAT32

- Use Samsung USB Format Utility to format your S-Series External Hard Drive to FAT32. (Samsung USB Format Utility is a Windows application and is available for downloaded from Samsung's online Customer Support page.)

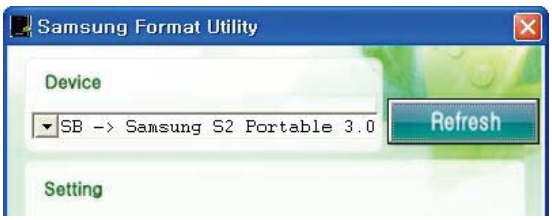
- Figure 34. **FAT format utility**

[S1 Mini]

[S2 Portable]



[S2 Portable 3.0]



Reformat to NTFS

Following describes formatting to NTFS in Windows XP:

- Connect S-Series External Hard Drive to the computer.
- Click "Start" from the lower left corner of your screen.
- Right-click "My Computer" and then select "Manage."
- From the "Computer Management" tool, select "Disk Management."
- Right-click the drive you wish to format and then select "Delete Partition."
- Once drive partition has been deleted, right-click the drive you wish to format and then select "New Partition" as shown in the diagram below.
- From Create Partition Wizard, select "Primary Partition" and then enter the desired size of the partition.
- From the "File System" menu, select "NTFS" and format.

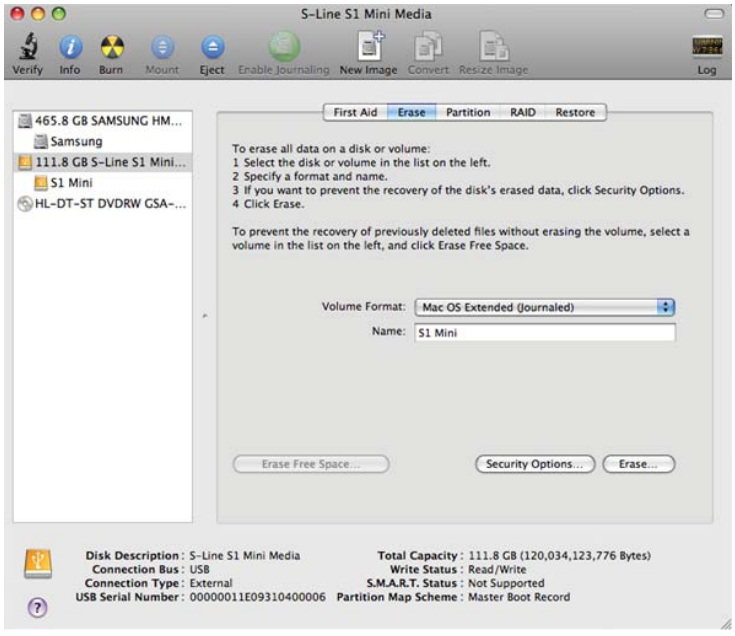
Stop & Read

WARNING – PARTITIONING AND FORMATTING YOUR DRIVE WILL PERMANENTLY ERASE ALL THE FILES ON THE DRIVE. DO NOT ATTEMPT TO DO THIS UNLESS ALL OF YOUR FILES HAVE BEEN BACKED UP AND CHECKED FOR RELIABILITY AND READABILITY.

Format in Macintosh

Following describes formatting in Mac OS X:

- Launch Mac OS X's "Disk Utility" tool.
- Open the main drive folder from the desktop. Open the "Applications" folder and then the "Utilities" folder.
- Select the "Disk Utility" file.
- Select the drive you wish to reformat.
- Select the "Erase" menu.
- Select "Mac OS Extended (Journaled)" from "Volume Format" menu and then Click "Erase" button


S-Line S1 Mini Media
Verify
Info
Burn
Mount
Eject
Enable Journaling
New Image
Convert
Resize Image
Log
465.8 GB SAMSUNG HM...
Samsung
111.8 GB S-Line S1 Mini...
S1 Mini
HL-DT-ST DVDRW GSA-...
First Aid
Erase
Partition
RAID
Restore
To erase all data on a disk or volume:
1 Select the disk or volume in the list on the left.
2 Specify a format and name.
3 If you want to prevent the recovery of the disk's erased data, click Security Options.
4 Click Erase.
To prevent the recovery of previously deleted files without erasing the volume, select a volume in the list on the left, and click Erase Free Space.
Volume Format:
Mac OS Extended (Journaled)
Name:
S1 Mini
Erase Free Space...
Security Options...
Erase...
Disk Description : S-Line S1 Mini Media
Connection Bus : USB
Connection Type : External
USB Serial Number : 00000011E09310400006
Total Capacity : 111.8 GB (120,034,123,776 Bytes)
Write Status : Read/Write
S.M.A.R.T. Status : Not Supported
Partition Map Scheme : Master Boot Record

Once formatting is complete, the drive will appear on your desktop.

Product Certifications

CE (European Union/Community)
VCCI (Voluntary Control Council for Interference by Information)
FCC (Federal Communications Commission)
C-TICK
KCC (Korea Communications Commission)
BSMI (Bureau of Standards, Metrology and Inspection)
cUL (C- Underwriter's Laboratories, Inc)
TUV (Technischer Uberwachungs Verein)
CB

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

FCC

	CAUTION : Changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.
Class B	**Note :** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications, However, there is no guar antee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and receiver. - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. - Consult the dealer or an experienced radio/TV technician for help.

Warranty Information

The following limited warranty applies to the Samsung external hard disk drive but does not supersede regional and national laws and regulations.

Limited Warranty

Samsung makes the following limited warranties during the warranty period: (a) the Products will function properly under normal use; (b) the Products will be free from defects in materials or workmanship; (c) the Products will conform to the published specifications; and (d) the Products will conform to any additional specifications agreed to in writing by the parties.

Samsung warranties do not cover any problem that is caused by (a) commercial use; accident; abuse; neglect; shock; electrostatic discharge; heat or humidity beyond product specifications; improper installation; operation; maintenance or modification; or (b) any misuse contrary to the instructions in the user's manual; or (c) lost passwords; or (d) malfunctions caused by other equipment.

Our limited warranties are void if a product is returned with removed, damaged, or tampered labels or any alterations (including removal of any component or external cover). Our warranties do not cover data loss – back up the contents of your drive to a separate storage medium on a regular basis. Also, consequential damages; incidental damages; and costs related to data recovery, removal and installation are not recoverable under our warranties.

Warranty Period

The warranty period for product is three (3) years from the documented date of purchase from Samsung or a Samsung' authorized reseller.

Customer Service

To request warranty service, please contact the place of purchase, or visit our web site (www.samsunghdd.com) for information on obtaining service or an RMA (Return Material Authorization) number. Submit your phone number, e-mail, address, name, product model, and serial number(s) and an RMA number with all pertinent information will be provided to you for returning product to Samsung. When you return the product to Samsung, the product must be properly packaged in original packing with a traceable forwarder and freight prepaid to the return address listed on the RMA. Remember to write the RMA number on the out side of box, or the shipment will be refused and returned to you at freight collect.

Samsung, or an authorized Samsung service center, will replace your product with a functionally equivalent product. Samsung will not return your original drive and data recovery is not included.

It is highly recommended that you backup your data. Once your drive is received at Samsung, the ownership of the product and all content therein will be transferred to Samsung.

Please contact Samsung with any comments or inquiries at www.samsunghdd.com

Samsung Electronics Co., Ltd.
STORAGE SYSTEM DIVISION
HEAD OFFICE: 416, MAETAN-3 DONG, YEONGTONG-GU, SUWON SI, GYEONGGI-DO, KOREA, 443-742
FAX : 82-54-479-5567

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